	Part Number		Application	
INSTALLATION INSTRUCTIONS	ROOF RAILS VGRCB-1968AL		2014-2019 MDX	VANGUARD
PARTS LIST	ı ا	тоо	LS AND SUPPLIES REQUI	RED
Left roof rail base	10000000000000000000000000000000000000	Torqı Tape T-15	m Socket ue wrench measure and T-40 TORX bit	(gogglog, oto)
Right roof rail base	F C C C C C C C C C C C C C C C C C C C	File Drill 3 mm Neec	protection (face shield, safety n, 6 mm, 8 mm, and 10 mm E lle nose pliers ip pen pin	
Left roof rail cover		The f and I Servi the n • Tr	following tools are available t Equipment Program. On the ice Bay > Tool and Equipmen umber under "Search". Or, c im Tool Set (T/N SOJATP20 r Saw (T/N AT192A)	N, click on: Service > nt Program, then enter all 888-424-6857.
Right roof rail cover				
8 TORX nuts				
2 TORX screws				
6 Flange nuts	Č.			

INSTALLATION

Client Information: The information in this installation instruction is intended for use only by skilled technicians who have the proper tools, equipment, and training to correctly and safely add equipment to your vehicle. These procedures should not be attempted by "do-it-yourselfers."

NOTE: Be extremely careful not to damage the roof and other finished surfaces of the body when installing the roof rails.

1. Remove the left roof molding (one hook and six clips).



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2. Open the tailgate halfway. Using a trim tool, gently pry up on the rear edge of the left tailgate hinge cover (two retaining tabs, three clips, and release the hook).



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3. Remove the clip from the left tailgate hinge cover. Discard the clip, it will not be reused.



4. While wearing eye protection, use an air saw to cut the left roof molding at measurement shown.



5. Remove the three clips from each stud bolt on the roof.



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6. On the inside of the left tailgate hinge cover, locate two scribe marks. Using a pushpin, piece the left tailgate hinge cover at each scribe mark.



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- 7. While wearing eye protection, drill two pierced marks to 6 mm and 10 mm.
 - First drill the rear pierced mark with a 3 mm drill bit, and finish with a 6 mm drill bit.
 - Drill the front pierced mark with a 3 mm drill bit, with a 6 mm drill bit, then with an 8 mm drill bit, and finish with a 10 mm drill bit.



8. While wearing eye protection, use an air saw to cut the left tailgate hinge cover between the two holes.



- 9. Remove all burrs.
- 10. Reinstall the left tailgate hinge cover.



11. Reinstall the left roof molding back onto the roof of the vehicle as shown.



 Install the left roof rail base with four TORX nuts and three flange nuts provided. Make sure the roof rail base is installed in the correct position. Torque the TORX nuts to 11.8 - 14.7 N·m (1.2 - 1.5 kgf·m, 8.7 - 10.8 lbf·ft). Torque the flange nuts to 11.8 - 15.7 N·m (1.2 - 1.6 kgf·m, 8.7 - 11.6 lbf·ft).



13. Install the left roof rail cover to the left roof rail base with 11 clips from the cover.



- Secure the left roof rail cover to the left roof rail base with one TORX screw.
 Torque the TORX screw to 2.9 4.9 N·m (0.3 0.5 kgf·m, 2.1 3.6 lbf·ft).
- 15. Repeat steps 1 through 14 to install the right roof rail on the right side of the vehicle.